

## Storm Data and Unusual Weather Phenomena - December 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MICHIGAN, East</b>				
<b>(MI-Z047) MIDLAND, (MI-Z049) HURON, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z055) SANILAC</b>				
	12/01/07 19:00 EST		0	Winter Storm
	12/02/07 03:00 EST		0	
<b>(MI-Z048) BAY, (MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB</b>				
	12/01/07 19:00 EST		0	Winter Weather
	12/02/07 03:00 EST		0	
<p>A low pressure system developed over Colorado and tracked through the Central Plains and eventually over Southeast Lower Michigan. With temperatures in the low 20s, the precipitation on the evening of the 1st began as all snow. Portions of the Tri-Cities and Thumb region received up to 7 inches of snow, with generally only one to three inches elsewhere because of a late evening transition to sleet and freezing rain. Areas near the Michigan/Ohio border, where less precipitation fell, and areas in the Thumb, where more snow fell, only had trace amounts of ice accumulation. Most locations throughout the rest of Southeast Lower Michigan had between one and two tenths of an inch of ice accumulation. Locations around Saginaw had the most ice accumulation, with numerous spotters reporting a quarter inch of ice. Numerous accidents were reported across the area.</p>				
<b>(MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z060) SHIAWASSEE, (MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z076) WAYNE</b>				
	12/23/07 07:00 EST		0.39M	High Wind (MAX 50 kt)
	12/23/07 10:00 EST		0	
<p>A deep low pressure system lifted northward across eastern Wisconsin and into the Upper Peninsula. This system sent a rather strong cold front through Southeast Lower Michigan on the morning of December 23rd. In fact, temperatures plummeted from 50 degrees at 0900 EST to near 30 degrees by 1200 EST, with wind chill readings in the teens. A line of showers developed along this front. Very strong winds were associated with these showers, sustained out of the southwest at 25 to 35 mph with gusts as high as 60 mph. Trees and tree limbs falling on power lines caused power outages over a large part of Southeast Lower Michigan, knocking out power to nearly 100,000 customers, with Wayne and Oakland Counties bearing the brunt of the power outage. Falling trees damaged multiple homes across the area. Total property damage (mostly minor) was estimated at \$400K. There were no reported deaths or injuries with this event. Here are a few official wind gusts recorded across the region.</p> <p>Detroit City Airport, 53 MPH.  Ypsilanti, 52 MPH.  Mt Clemens, 51 MPH.  Caro, 48 MPH.  Saginaw, 48 MPH.  Howell, 46 MPH.  Troy, 46 MPH.</p>				
<b>(MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z053) SAGINAW</b>				
	12/28/07 13:30 EST		0	Heavy Snow
	12/28/07 21:30 EST		0	
<p>This storm affected the Saginaw Valley. A band of moderate to heavy snow moved quickly over Southeast Lower Michigan on December 28th. Conditions deteriorated rapidly as the snow intensified during the afternoon. The snow fell at a rate of an inch per hour and persisted before diminishing during the evening.</p>				
<b>(MI-Z049) HURON, (MI-Z055) SANILAC</b>				
	12/05/07 03:30 EST		0	Lake-Effect Snow
	12/05/07 11:30 EST		0	
<p>The first significant lake effect snowstorm dumped up to 10 inches of snow over portions of Huron and Sanilac Counties. Several dominate lake effect snow bands made their way onshore with snowfall rates up to 2 inches per hour on the morning of the 5th. Here are some of the higher snowfall reports received.</p> <p>Richmondville (Sanilac) 10.0 inches.  Deckerville (Sanilac) 8.0 inches.  Forestville (Sanilac) 8.0 inches.  Harbor Beach (Huron) 7.0 inches.</p>				
<b>(MI-Z082) LENAWE, (MI-Z083) MONROE</b>				

## Storm Data and Unusual Weather Phenomena - December 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/09/07 08:00 EST		0	Ice Storm
	12/09/07 15:00 EST		0	

A complex winter weather scenario set up over Southeast Lower Michigan with significant amounts of freezing rain and icing near the Ohio border, where ice accumulated to around a quarter inch across Lenawee and Monroe Counties. A double dose of freezing rain and below freezing temperatures Sunday left the region looking like an ice skating rink. Nearly all schools were closed on Monday due to icy back roads and parking lots that were a sheet of ice. Several people were treated for falls on the ice and other weather related injuries (all indirect). Numerous tree branches popped under the weight of the ice but no damage was reported.

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(MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z060) SHIAWASSEE, (MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z076) WAYNE, (MI-Z082) LENAWEЕ, (MI-Z083) MONROE

12/16/07 00:00 EST	0	Winter Storm
12/16/07 17:00 EST	0	

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(MI-Z049) HURON, (MI-Z055) SANILAC

12/16/07 00:00 EST	0	Blizzard
12/16/07 17:00 EST	0	

A deepening storm center moved northeast toward the lower Great Lakes on Sunday (16th) and brought widespread heavy amounts of snow. Widespread snow, heavy at times, moved into the region during the early morning hours and persisted throughout much of the day. Snowfall ranged from generally 6 to 10 inches throughout much of Southeast Lower Michigan.

Strong gusty winds of 35 to 45 mph created 1 to 3 foot drifts with near blizzard conditions across much of Southeast Lower Michigan. Blizzard conditions were reported across the eastern Thumb Region from late Sunday morning through much of the afternoon, mainly along M-25 near the Lake Huron shoreline. Numerous accidents were reported during the storm and schools were closed on Monday.

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12/11/07 09:00 EST	0	Winter Weather
12/11/07 16:00 EST	0	

A low pressure system with a plentiful supply of moisture moved from the Central Plains through the Great Lakes on Tuesday, the 11th. This system caused a combination of light snow and freezing rain over the area. Generally light amounts of mixed precipitation fell with best snowfall amounts of 2 to 4 inches over parts of the Tri Cities and Thumb Region. Icing amounts ranged from a trace to two tenths of an inch, leading to numerous accidents across all of Southeast Lower Michigan. Some school districts sent students home early when roads began to deteriorate. A 16 year old boy was killed (indirect) in a car accident as a result of icy roads in Washtenaw County.

## Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MICHIGAN, East</b>				
<b>(MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z055) SANILAC, (MI-Z060) SHIAWASSEE, (MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z082) LENAWEE</b>				
	01/01/08 00:00 EST		0	Winter Storm
	01/01/08 08:00 EST		0	

A low pressure system moved northeast across the vicinity of Downtown Detroit during the early morning hours of New Years Day. Heavy snow fell to the west and north of this track and fell steadily at a rate of 1 to 2 inches per hour from roughly midnight to 0700 EST. Snowfall rates actually approached 4 inches per hour at times along the M-59 and I-69 corridors. A swath of 12 to 16 inches of snow fell roughly from Brighton in south Livingston County to Lexington in southeast St Clair County. North and south of this area, snowfall amounts quickly tapered off. This storm will be most remembered for the amount of snow that fell in such a short period of time. The bulk of the snowfall, including the amounts over one foot, fell in less than 7 hours. Here are some of the higher snowfall reports received from each County.

Dryden (Lapeer) 16 inches.  
Capac (St Clair) 16 inches.  
Clarkston (Oakland) 15.5 inches.  
Lexington (Sanilac) 12.3 inches.  
Brighton (Livingston) 12.0 inches.  
Ann Arbor (Washtenaw) 10.5 inches.  
Grand Blanc (Genesee) 9.5 inches.  
Cement City (Lenawee) 9.5 inches.  
Armada (Macomb) 9.0 inches.  
Plymouth (Wayne) 7.0 inches.  
Marlette (Tuscola) 7.0 inches.  
Owosso (Shiawassee) 6.2 inches.  
Bridgeport (Saginaw) 5.5 inches.